

5 é / Descriptions

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DFN1006-2L Plastic Package ESD Protection Diode.

□^a / Features

Ý 4 / x k 3 o € • ž • 4 9 T Y k ...² ^ ' ñ 1 < Y k ... ` / +) ' + 9 * ' 8

¾) k —) í D } ož

Ultra small package, Response Time is Typically < 1 ns, ESD > 30 kV per Human Body Model, IEC61000] 4] 2 Level 4 ESD Protection, HF Product.

Đ ÷ / Applications

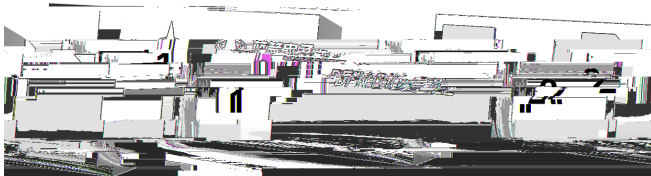
9 ô Ñ ° È o • 3 6 n y ~ o • f A , Ñ o • Ž ` " — Ō o • g ¢ ^ ĭ € ož

Suitable for cellular phones audio, MP3 players, Digital cameras, Portable devices, mobile telephone and other users.

Ã w] Ô • / Equivalent Circuit



• Ū - æ / Pinning



, M V / Marking

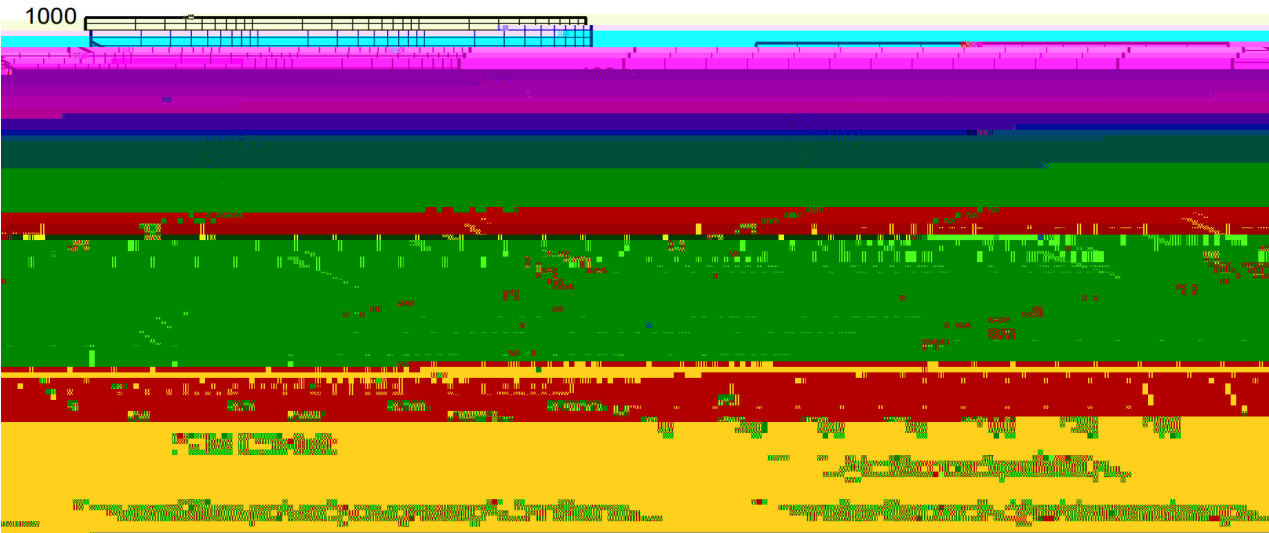
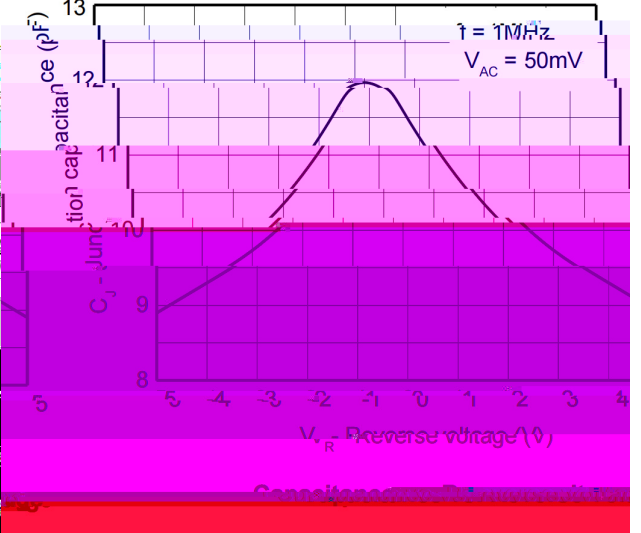
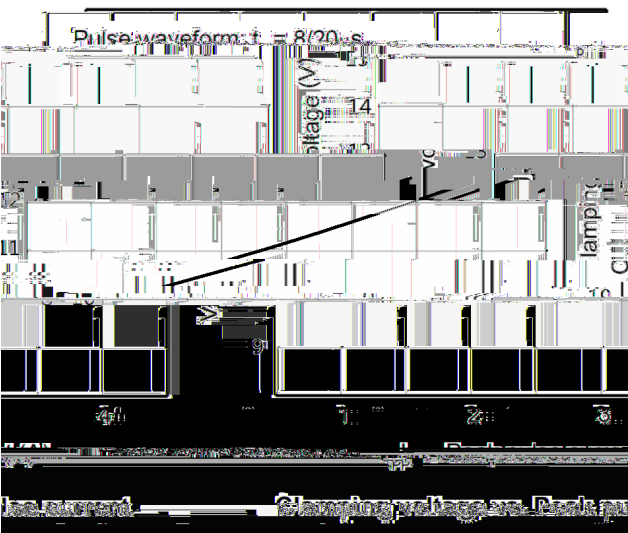
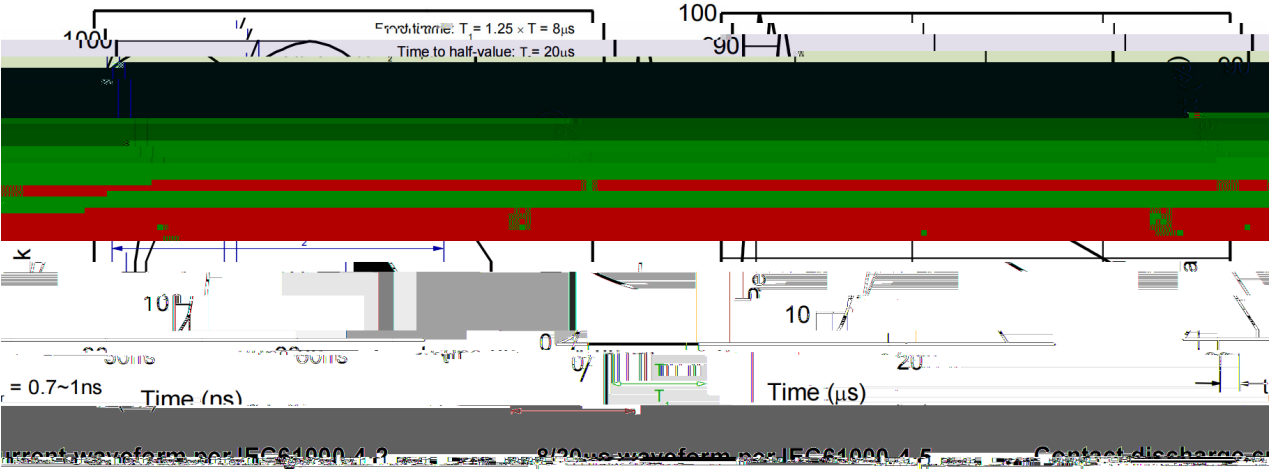
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See Marking Instructions.

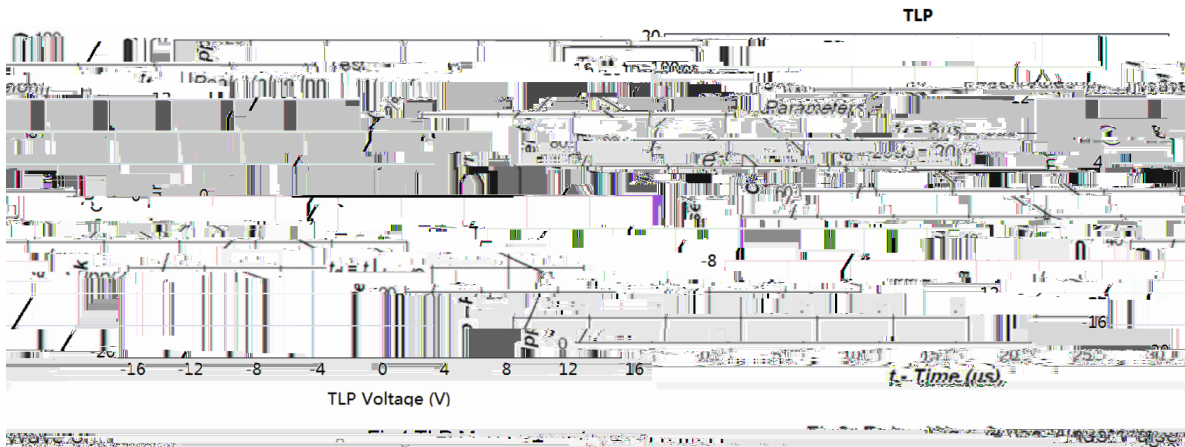
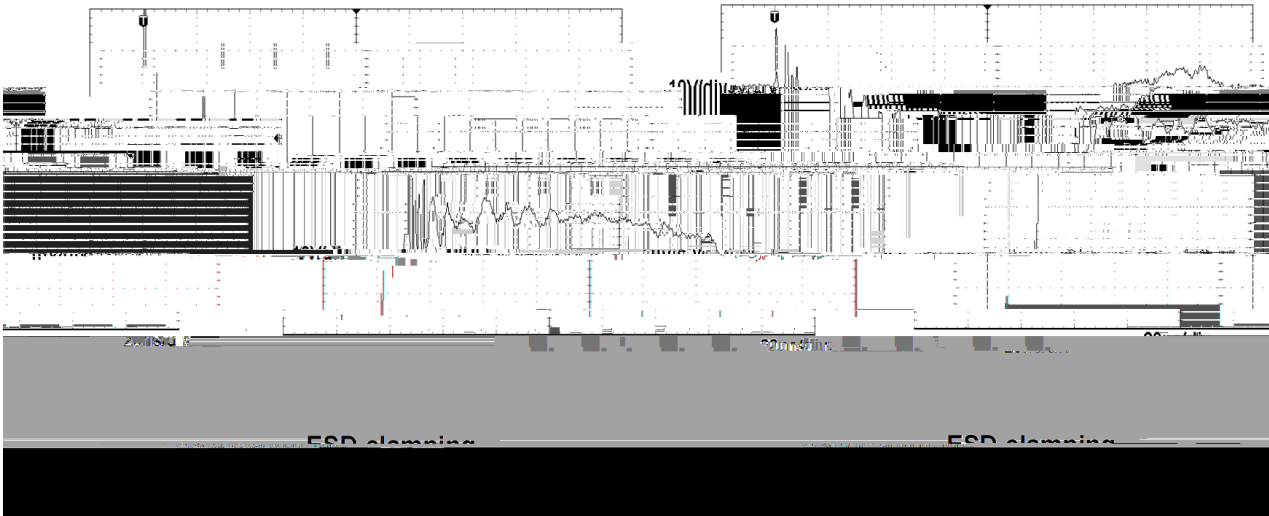
@ f Parameter	... Z Symbol	f > Rating	% y Unit
Peak pulse power (tp = 8/20 s)	PK	69	W
Peak pulse current (tp = 8/20 s)	IPP	5.5	A
ESD according to IEC61000-4-2 air discharge	VESD	±30	KV
ESD according to IEC61000-4-2 contact discharge		±30	
Junction temperature	TJ	150	
Storage temperature	TSTG	-55~+150	

@ f Parameter	... Z Symbol	y Ú ^ Test Conditions	Â 4 > Min	Á ° > Typ	Â Ý > Max	% y Unit
Reverse maximum working voltage	Â > Min					

Electrical Characteristic Curve



Electrical Characteristic Curve



BRESD3V3L1B2ZP

šWD t...•Žč (x/) / :KSVKXGZ[XK 6XULORK LUX /8 8KL RU] 9URJKXOTM 6

a ç y

- 10• Ä ½ “† 150 ½180 - k ž • 60 ½90sec;
- 20• Q > “† 245 r5 - k ž • 4 Ò 5 r0.5sec;
- 30•D N ò i Ò 0 ,† 2 ½10 - /sec.

- Note:
- 1.Preheating:150~180 - , Time:60~90sec.
 - 2.Peak Temp.:245 r5 - , Duration:5 r0.5sec.
 - 3. Cooling Speed: 2~10 - /sec.

ÂD /Cã p ¯ »] / Resistance to Soldering Heat Test Conditions

“† y 260 r5 - ž • y 10 r1 sec. Temp.:260±5 Time:10±1 sec

G P á / Packaging SPEC.

2 & x / REEL

Package Type	Units ;>û !H	Dimension Unit		Reels/Inner Box	Units/
		Reel	Inner Box		
7>û ~ E				1ç TT0	